## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20070193893".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/08 11:38
S2	1304	206/219.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/08 11:39
S3	542	220/521.cdls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/08 11:40
S4	2	"4667818".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/08 11:41
S5	11	("4024952"   "4203517"   "4304869"   "4386696"   "4563186"   "4606775").PN. OR ("4667818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/08 11:52
S6	542	215/dig.8.cdls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/08 11:57
S7	2	("4513861"   "4667818"). <b>PN</b> .	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/08 12:14
S8	9	((JEONG-MIN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2008/12/08 12:16
S9	25	((SEONG-JAE) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2008/12/08 12:18
S10	112	220/520.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/10 15:30
S11	193	("0908822"   "1427820"   "1466593"   "1657312"   "1918307"   "20020090426"   "20030072850"   "20040007481"   "20040154937"   "20040200740"   "20040200742"   "2072630"   "2321998"   "2385648"   "2629508"   "2695111"   "2766796"   "2787268"   "2793776"   "3081137"   "3156369"   "3239429"   "3326400"   "3410444"   "3439823"   "3489306"   "3537898"   "3684455"   "3827592"   "3840136"   "3924741"   "3968048"   "4003841"   "4024952"   "4028263"   "4116878"   "4132308"   "4203517"   "4206068"   "4235599"   "4269722"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11

		"4304869"   "4315570"   "4386696"   "4513861"   "4515267"   "4563186"   "4606775"   "5419445"   "5433328"   "5794802"   "5863126"   "5984141"   "6152296"   "6221416"   "6372270"   "6527110"   "6533113"   "6569329"   "6644471"   "6705491"   "6763939"   "6886686").PN. OR ("3326400"   "4024952"   "4203517"   "4386696"   "4667818"   "4776972"   "6994211"   "7055685").URPN.				
S12	8	("20040007481"   "20040154937"   "4315570"   "4513861"   "5863126"   "6533113"   "6705491"   "6763939").PN. OR ("6994211").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11 13:25
S13	39	("2764157"   "2773591"   "2793776"   "2813649"   "3070094"   "3156369"   "3715189"   "3840136").PN. OR ("2004/0154937"   "4315570"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11 13:26
S14	18	("2073273"   "3603469"   "3690320"   "3797646"   "3870147"   "4002235"   "4193698"   "4195731"   "4314558"   "4315570"   "4615437"   "4853266").PN. OR ("5391351").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11
S15	618	206/222.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11 13:35
S16	138	("20050161348"   "2631521"   "3088830"   "3144966"   "3156369"   "3240391"   "3326363"   "3326533"   "3349965"   "3415360"   "3469727"   "3537577"   "3548562"   "3595421"   "3603469"   "3715189"   "3735900"   "3771682"   "3779372"   "3840136"   "3891125"   "3924741"   "3968820"   "3968872"   "4000839"   "4024952"   "4065037"   "4074827"   "4102451"   "4132308"   "4386696"   "4399158"   "4591050"   "4609369"   "4785931"   "4793475"   "4874618"   "4927065"   "5029718"   "5072863"   "5170888"   "5255812"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11

		"5419429"   "5495944"   "5564600"   "5598254"   "5638968"   "5811060"   "5884759"   "6116445"   "6148996"   "6705462").PN. OR ("2002/0020636"   "2003/0213709"   "3603469"   "4193698"   "4195731"   "6098795"   "6170654"   "7325676").URPN.				
S17	24	("3156369"   "3840136"   "3920141"   "4195730"   "4195731"   "4615437"   "4982875"   "5029718"   "5038951").PN. OR ("6148996"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/11 14:58
S18	33	("2631521"   "3326363"   "3349965"   "3415360"   "3779372"   "3968820"   "4074827"   "4609369"   "4785931"   "4874618"   "5035320"   "5255812"   "5290574"   "5370222"   "5419429"   "5884759").PN. OR ("6098795").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 13:26
S19	354	("0908822"   "1427820"   "1466593"   "1657312"   "1918307"   "20020090426"   "20030072850"   "20040007481"   "20040154937"   "20040200740"   "20040200742"   "2073273"   "2321998"   "2385648"   "2629508"   "2631521"   "2695111"   "2764157"   "2766796"   "2773591"   "2787268"   "2793776"   "2813649"   "3070094"   "3081137"   "3088830"   "3144966"   "3156369"   "3239429"   "3240391"   "3326363"   "3326400"   "3326533"   "3349965"   "3410444"   "3415360"   "3439823"   "3469727"   "3489306"   "3537577"   "3537898"   "3548562"   "3595421"   "3603469"   "3684455"   "3690320"   "3715189"   "3779372"   "3797646"   "3827592"   "3840136"   "3827592"   "3840136"   "3827592"   "3891125"   "3920141"   "3924741"   "3968048"   "3968820"   "3968872"   "400839"   "4002235"   "4008841"   "4024952"   "4028263"   "4065037"   "4074827"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16

		"4102451"   "4116878"   "4132308"   "4193698"   "4195730"   "4195731"   "4203517"   "4206068"   "4235599"   "4269722"   "4304869"   "4314558"   "4315570"   "4386696"   "4399158"   "4513861"   "4515267"   "4563186"   "4591050"   "4606775"   "4609369"   "4615437"   "4682689"   "4785931"   "4793475"   "4853266"   "4874618"   "4927065"   "4982875"   "5029718"   "5035320"   "5038951"   "5072863"   "5170888"   "5255812"   "5290574"   "5370222"   "5419429"   "5419445"   "5433328"   "5495944"   "5564600"   "5598254"   "5638968"   "5794802"   "5811060"   "5863126"   "5884759"   "6221416").PN. OR ("6372270"   "6527110"   "6533113"   "6569329"   "6644471"   "6705462"   "6705491"   "6705462"   "6705491"   "6763939"   "6886686").PN. OR ("2002/0020636"   "2003/0213709"   "2004/0154937"   "3326400"   "3603469"   "4024952"   "4193698"   "4195731"   "4203517"   "4315570"   "4386696"   "4667818"   "4776972"   "5391351"   "6098795"   "6148996"   "6170654"   "6994211"   "7055685"   "7325676").URPN.				
S20	1791	closure and (keygroove or (key adj groove) or keyslot or (key adj slot))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 13:59
S21	99	closure and (keygroove or (key adj groove) or keyslot or (key adj slot)) and (222/4.ccls. or "220"/\$.ccls. or "206"/\$.ccls. or "215"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 14:00
S22	255	215/258.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/16 16:08
S23	663	215/228.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/17 10:59
S24	489	206/221.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/17 11:13

S25	339	206/568.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/17 11:20
S26	1276875	@pd> "20081229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/30 11:31
S27	1001	(220/520,521).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/30 11:31
S28	1425	(215/228,dig.8).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/30 11:31
S29	2894	(206/219,221,222,568).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/30 11:32
S30	69	S26 and (S27 S28 S29)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/30 11:33

7/30/2009 2:15:30 PM

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